LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118445.D
Acq On : 2 Jan 2020 19:47
Operator : JU
Sample : K6465-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9-(8-10)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.051	500	504	524	rVB	284073	369149	13.94%	1.432%
2	5.463	571	574	597	rBV	1914833	2061007	77.80%	7.993%
3	6.487	744	748	766	rBV	2194900	2256435	85.18%	8.750%
4	6.616	766	770	787	rVB	2657032	2390924	90.26%	9.272%
5	6.845	805	809	817	rBV	855576	700788	26.45%	2.718%
6	7.004	832	836	852	rVB	1888276	1812287	68.41%	7.028%
7	7.410	901	905	919	rBV	1353244	1350251	50.97%	5.236%
8	8.134	1024	1028	1040	rBV	929861	944647	35.66%	3.663%
9	9.210	1207	1211	1223	rBV	3184542	2649071	100.00%	10.273%
10	9.610	1276	1279	1287	rVB	119332	120322	4.54%	0.467%
11	9.892	1323	1327	1331	rBV	1222580	1058280	39.95%	4.104%
12	9.928	1331	1333	1340	rVB	37559	39012	1.47%	0.151%
13	10.104	1359	1363	1367	rBV	68409	69919	2.64%	0.271%
14	10.445	1417	1421	1428	rBV	32596	34767	1.31%	0.135%
15	10.686	1459	1462	1477	rBV	1609258	1680166	63.42%	6.516%
16	11.386	1578	1581	1584	rBV	1027503	1015586	38.34%	3.938%
17	11.410	1584	1585	1590	rVV	231611	183142	6.91%	0.710%
18	11.469	1590	1595	1598	rVB2	37226	52289	1.97%	0.203%
19	11.639	1616	1624	1627	rBV6	19478	44091	1.66%	0.171%
20	11.910	1664	1670	1678	rBV4	98093	185997	7.02%	0.721%
21	12.010	1684	1687	1689	rBV	55052	61761	2.33%	0.240%
22	12.445	1757	1761	1763	rBV	33800	33026	1.25%	0.128%
23	12.610	1785	1789	1794	rBV	397590	357067	13.48%	1.385%
24	12.839	1822	1828	1834	rBV	314178	346098	13.06%	1.342%
25	12.974	1847	1851	1855	rBV	2505140	2234508	84.35%	8.665%
26	13.057	1861	1865	1871	rVB4	23258	39773	1.50%	0.154%
27	13.169	1881	1884	1887	rVB	31200	31172	1.18%	0.121%
28	13.274	1898	1902	1905	rBV2	32160	39389	1.49%	0.153%
29	13.798	1985	1991	1992	rBV	29636	36304	1.37%	0.141%
30	13.868	2000	2003	2015	rVB4	144236	268798	10.15%	1.042%
31	14.045	2025	2033	2036	rBV2	855513	1005320	37.95%	3.899%
32	14.068	2036	2037	2044	rVB	132493	91615	3.46%	0.355%
33	14.186	2053	2057	2059	rBV	74729	65798	2.48%	0.255%
34	14.433	2091	2099	2102	rBV	34906	52141	1.97%	0.202%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118445.D
Acq On : 2 Jan 2020 19:47
Operator : JU
Sample : K6465-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9-(8-10)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.492	2106	2109	2111	rBV	115052	99746	3.77%	0.387%
36	14.798	2157	2161	2166	rVB	132509	134916	5.09%	0.523%
37	14.874	2171	2174	2177	rVB	42013	40593	1.53%	0.157%
38	15.098	2207	2212	2215	rBV	108577	170274	6.43%	0.660%
39	15.139	2215	2219	2223	rVV2	135593	189920	7.17%	0.737%
40	15.210	2227	2231	2237	rBV2	22939	35524	1.34%	0.138%
41	15.404	2260	2264	2271	rVB	64787	85414	3.22%	0.331%
42	15.468	2271	2275	2280	rVB	88218	106205	4.01%	0.412%
43	15.527	2280	2285	2296	rBV	597525	898123	33.90%	3.483%
44	15.957	2353	2358	2367	rBV	71066	117156	4.42%	0.454%
45	16.468	2440	2445	2451	rVB2	41162	68875	2.60%	0.267%
46	17.045	2538	2543	2551	rVB3	42471	103387	3.90%	0.401%
47	17.504	2616	2621	2628	rVB4	21534	55442	2.09%	0.215%

Sum of corrected areas: 25786475

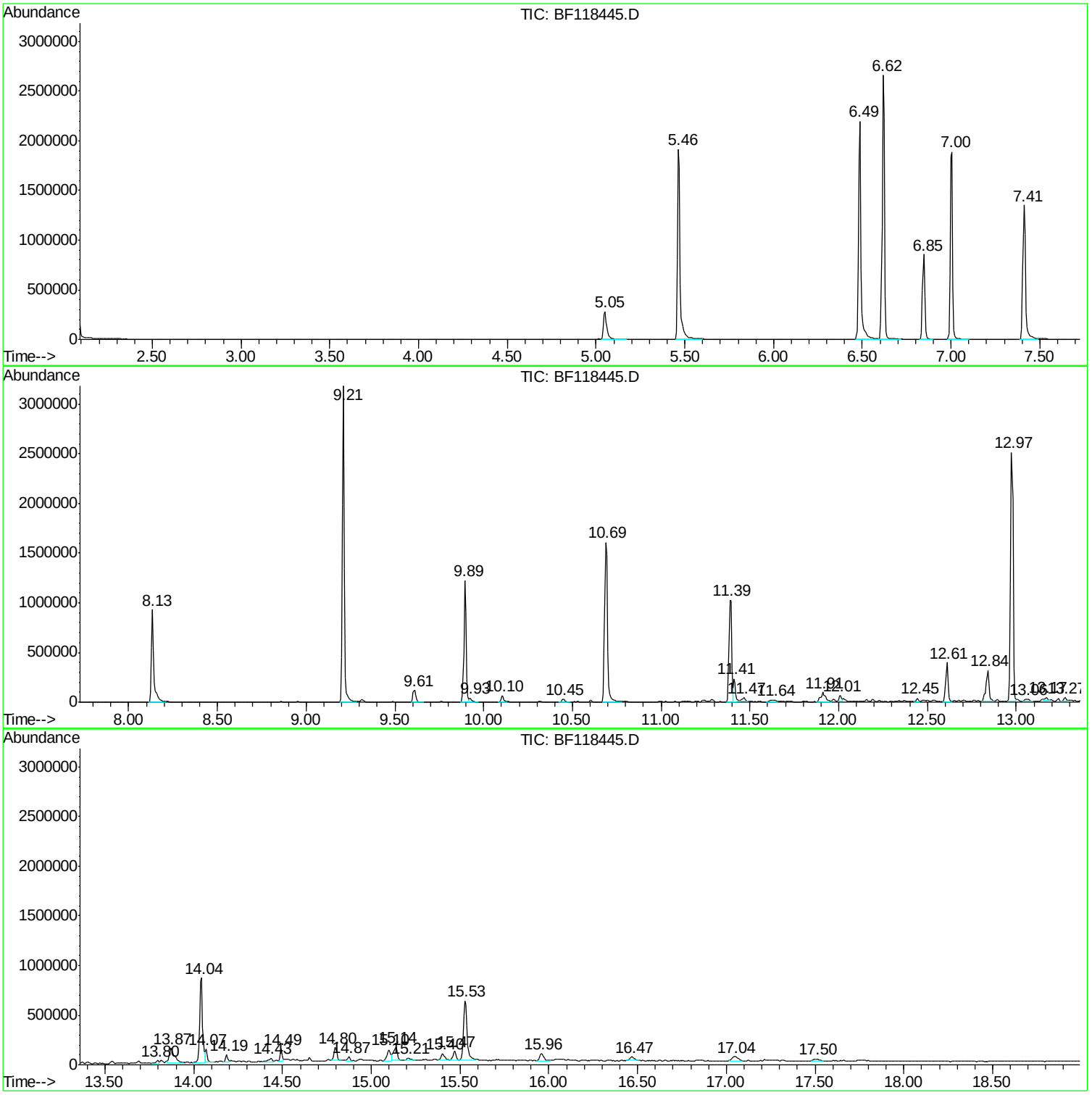
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118445.D
Acq On : 2 Jan 2020 19:47
Operator : JU
Sample : K6465-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9-(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118445.D
Acq On : 2 Jan 2020 19:47
Operator : JU
Sample : K6465-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9-(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

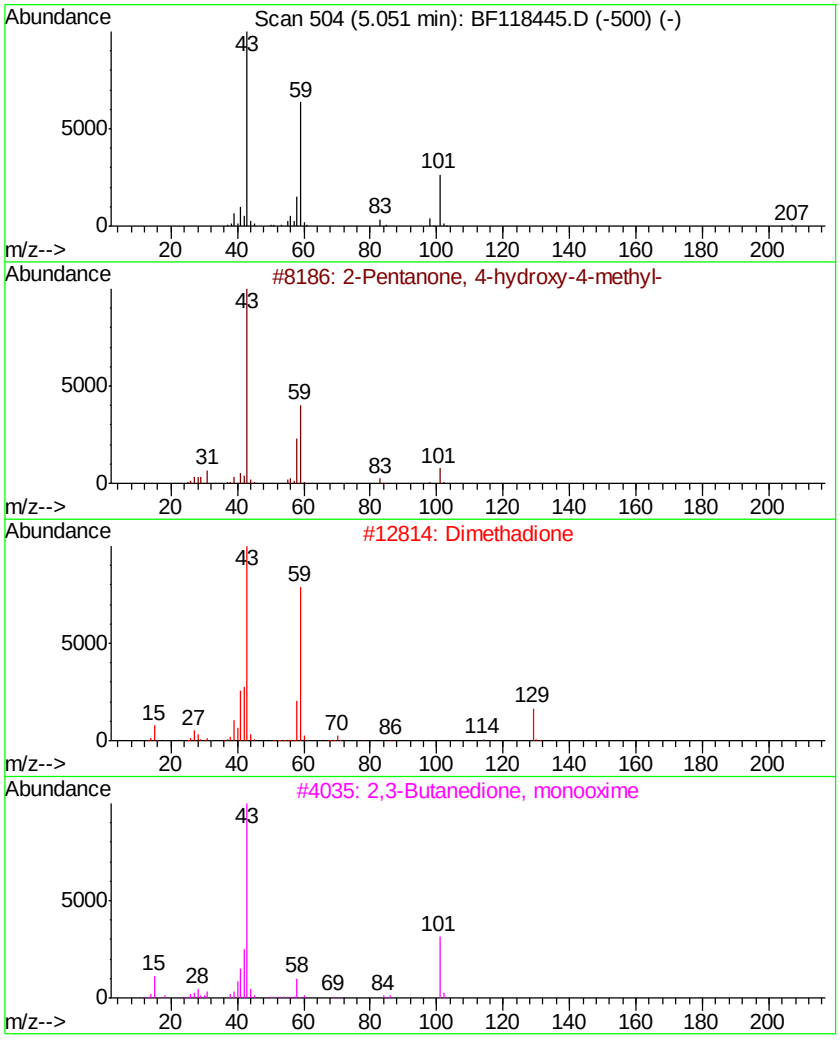
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

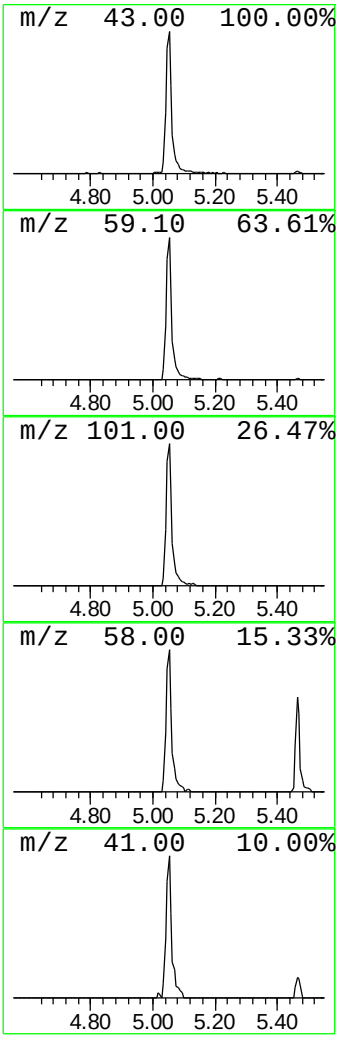
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	10.54 ng	369149	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Dimethadione	129	C5H7NO3	000695-53-4	40
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118445.D
Acq On : 2 Jan 2020 19:47
Operator : JU
Sample : K6465-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9-(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

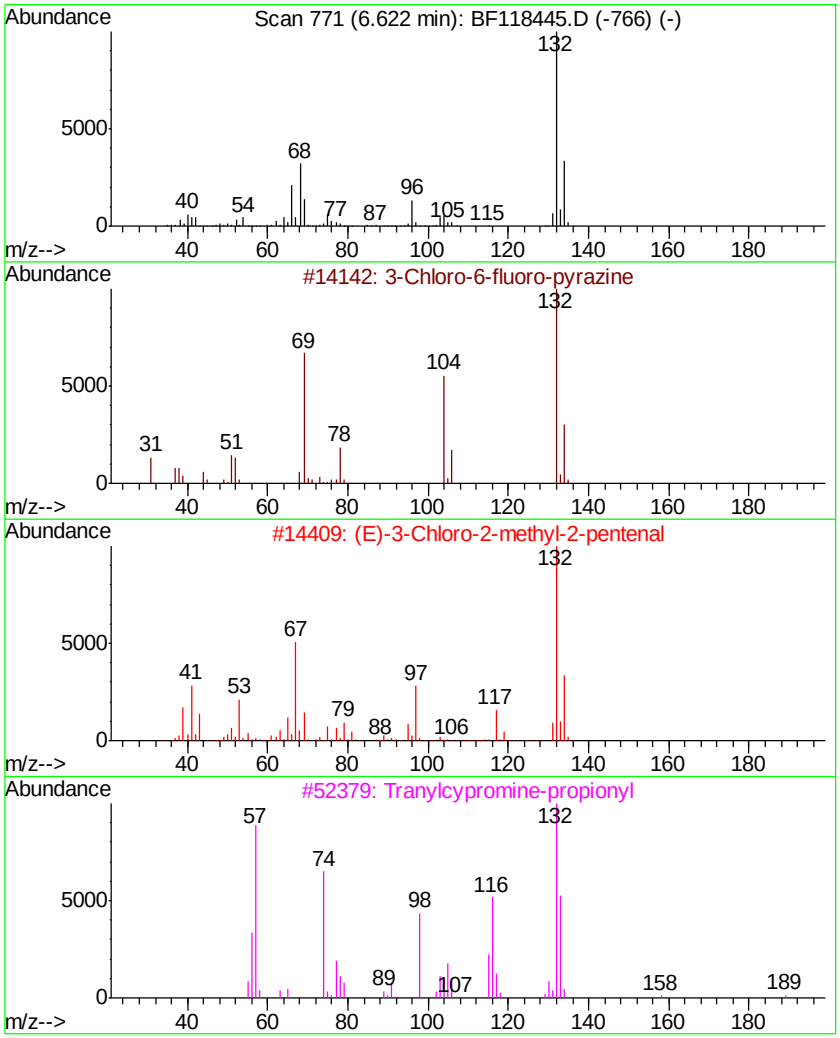
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

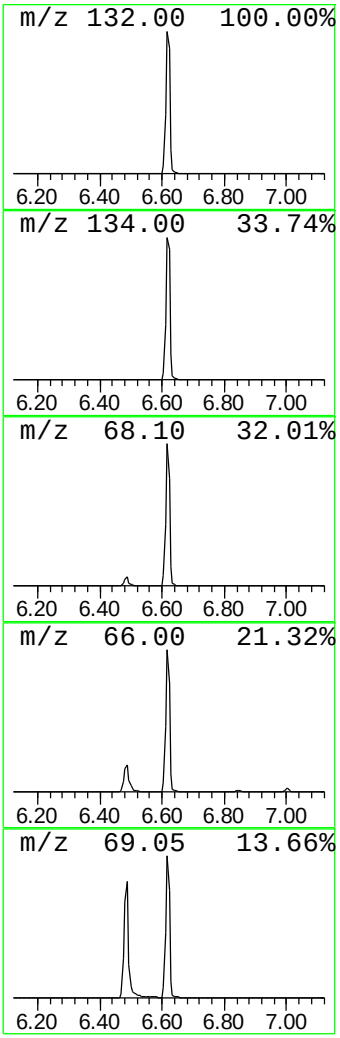
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	68.24 ng	2390920	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118445.D
Acq On : 2 Jan 2020 19:47
Operator : JU
Sample : K6465-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9-(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

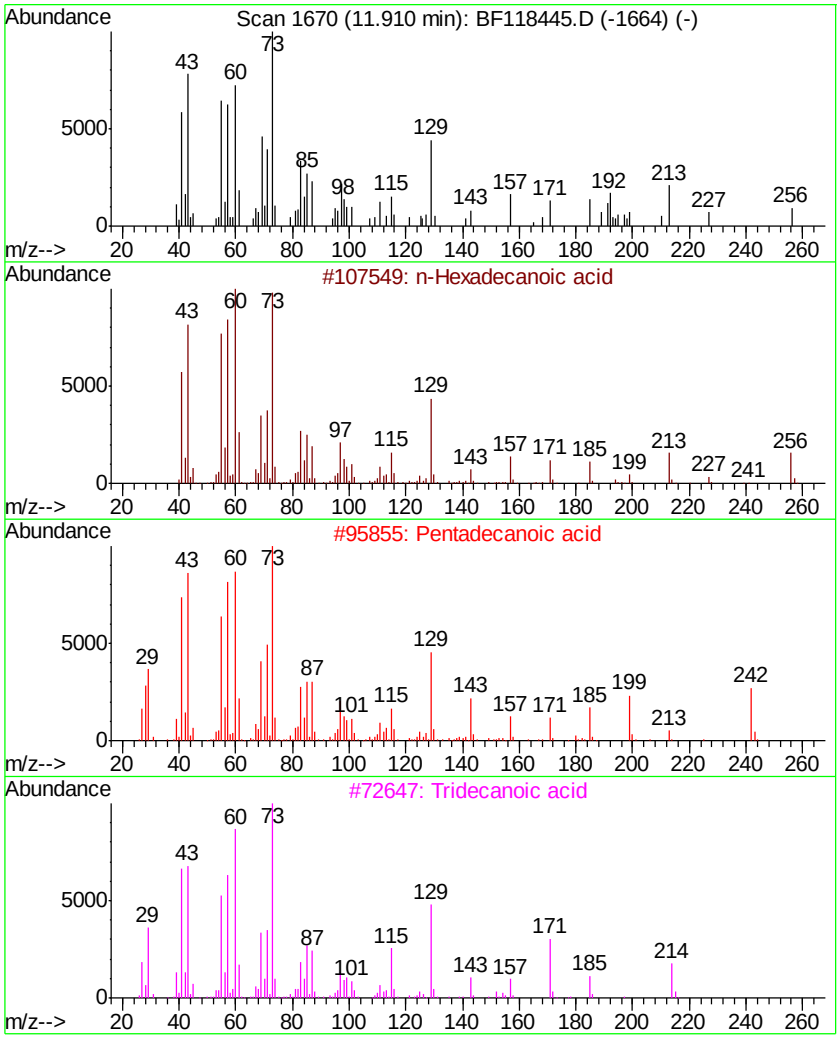
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

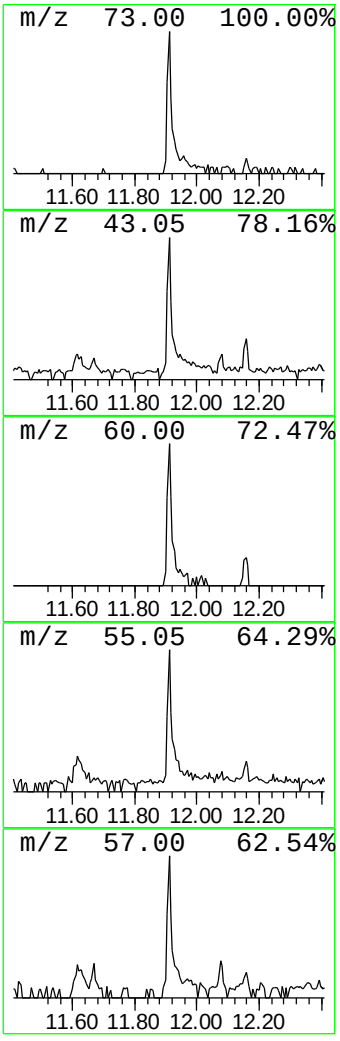
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	3.66 ng	185997	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Trehalose	342	C12H22O11	000099-20-7	43
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118445.D
Acq On : 2 Jan 2020 19:47
Operator : JU
Sample : K6465-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9-(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

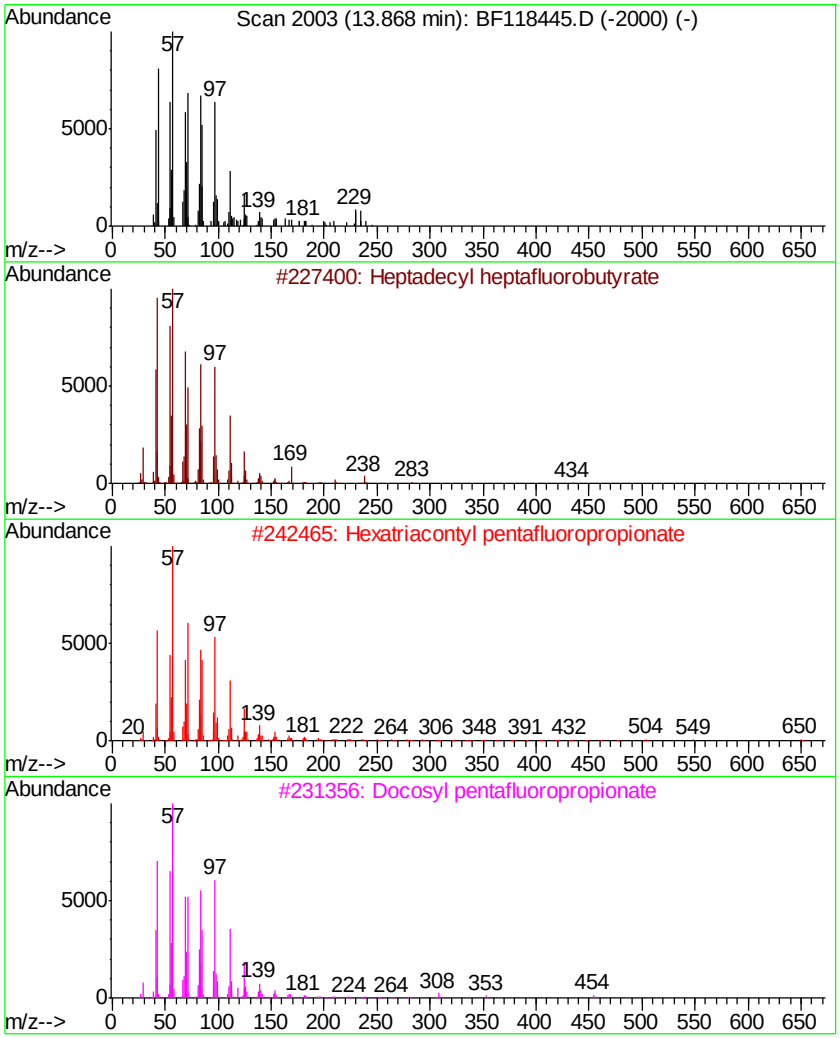
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

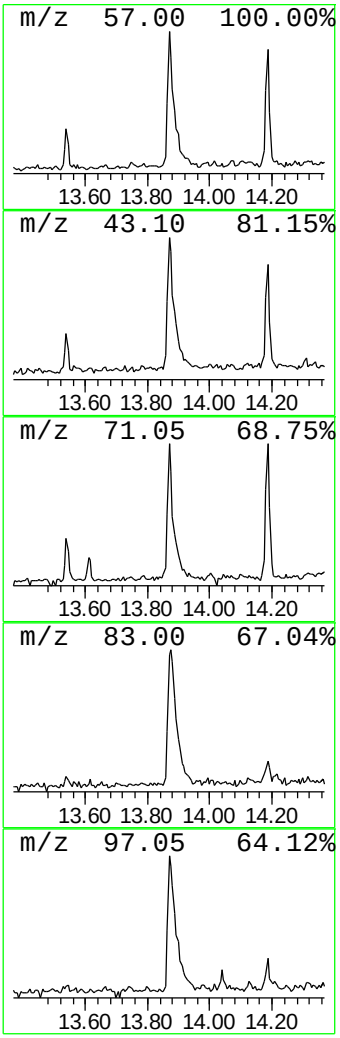
****

Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.35 ng	268798	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
2	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	87
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	83
4	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	81
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118445.D
Acq On : 2 Jan 2020 19:47
Operator : JU
Sample : K6465-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9-(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

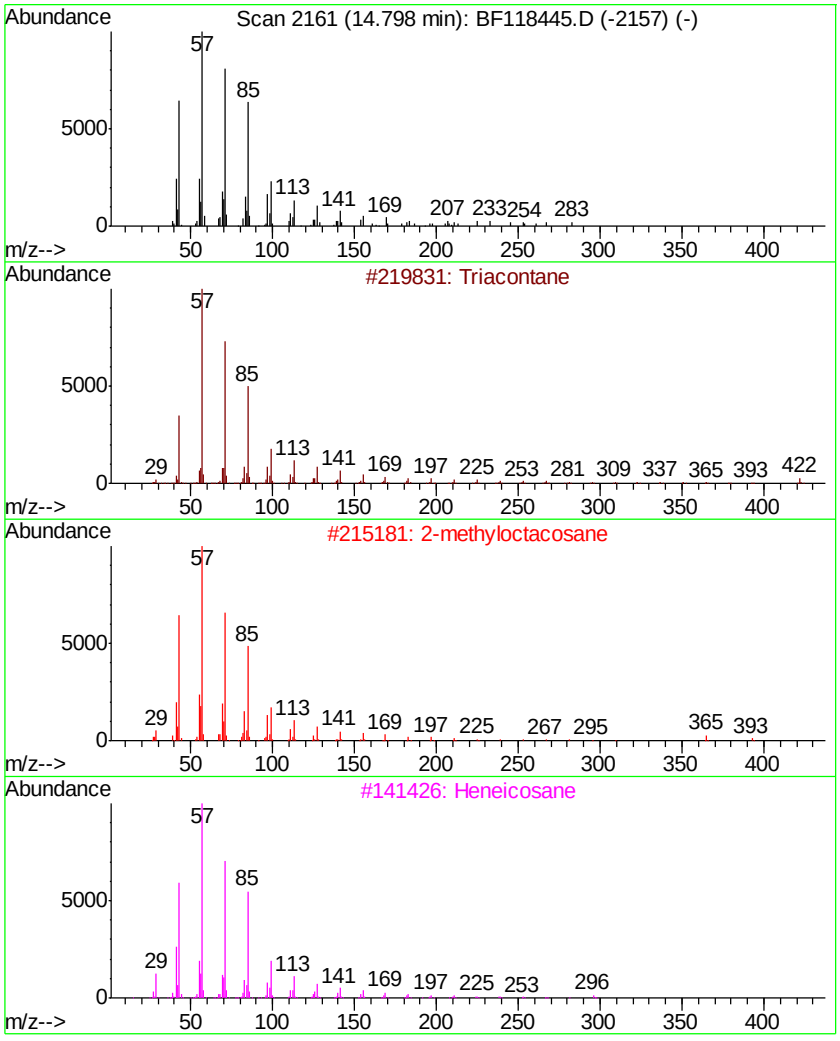
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

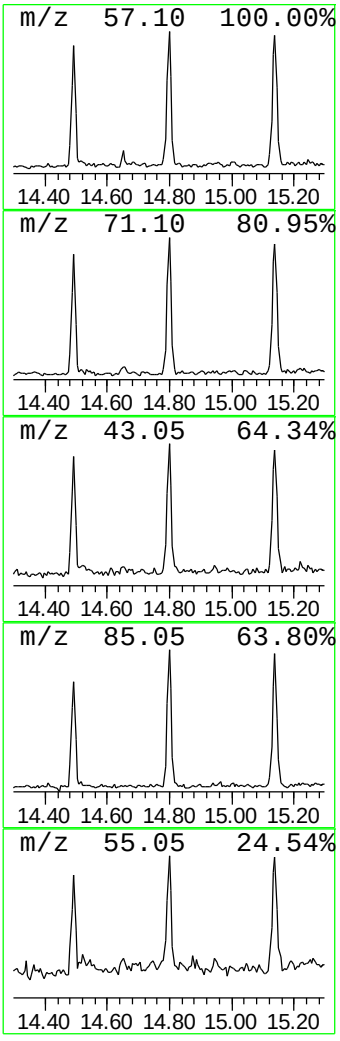
****

Peak Number 6 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.00 ng	134916	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118445.D
Acq On : 2 Jan 2020 19:47
Operator : JU
Sample : K6465-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9-(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

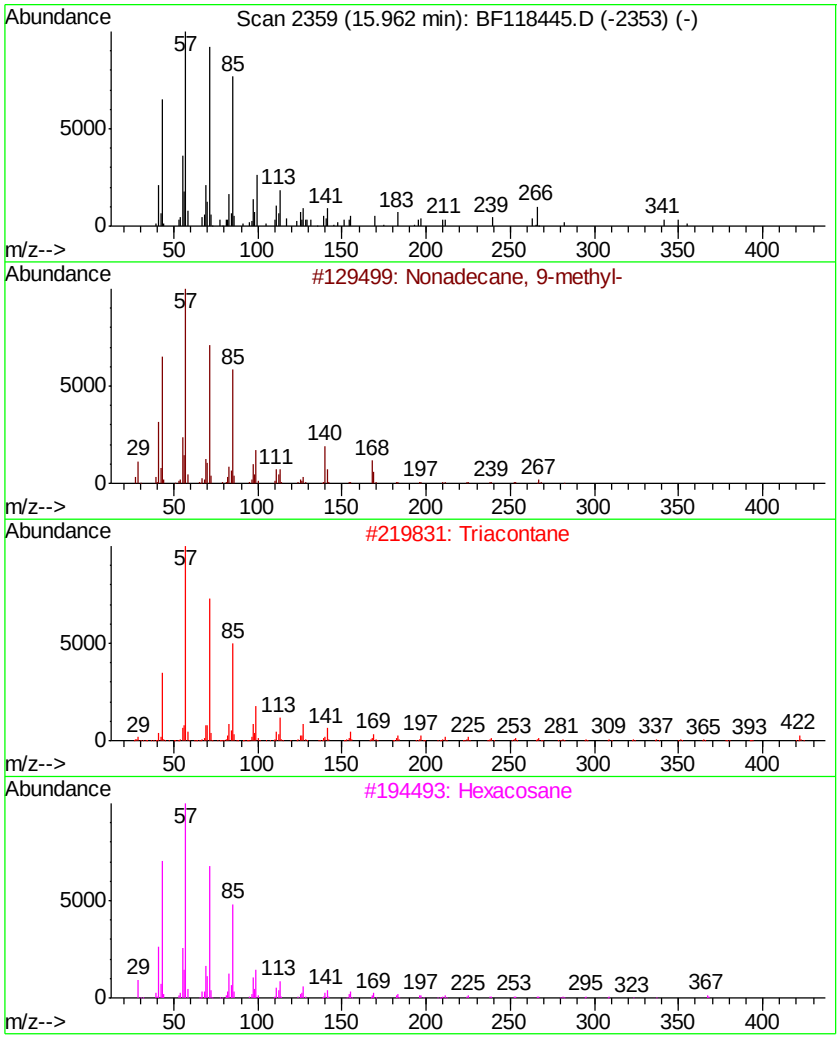
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

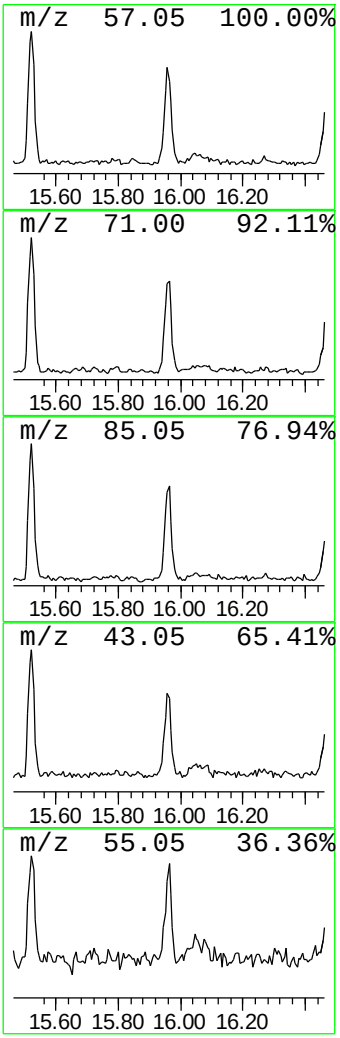
****

Peak Number 7 Nonadecane, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.61 ng	117156	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Triacontane	422	C30H62	000638-68-6	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118445.D
Acq On : 2 Jan 2020 19:47
Operator : JU
Sample : K6465-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9-(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

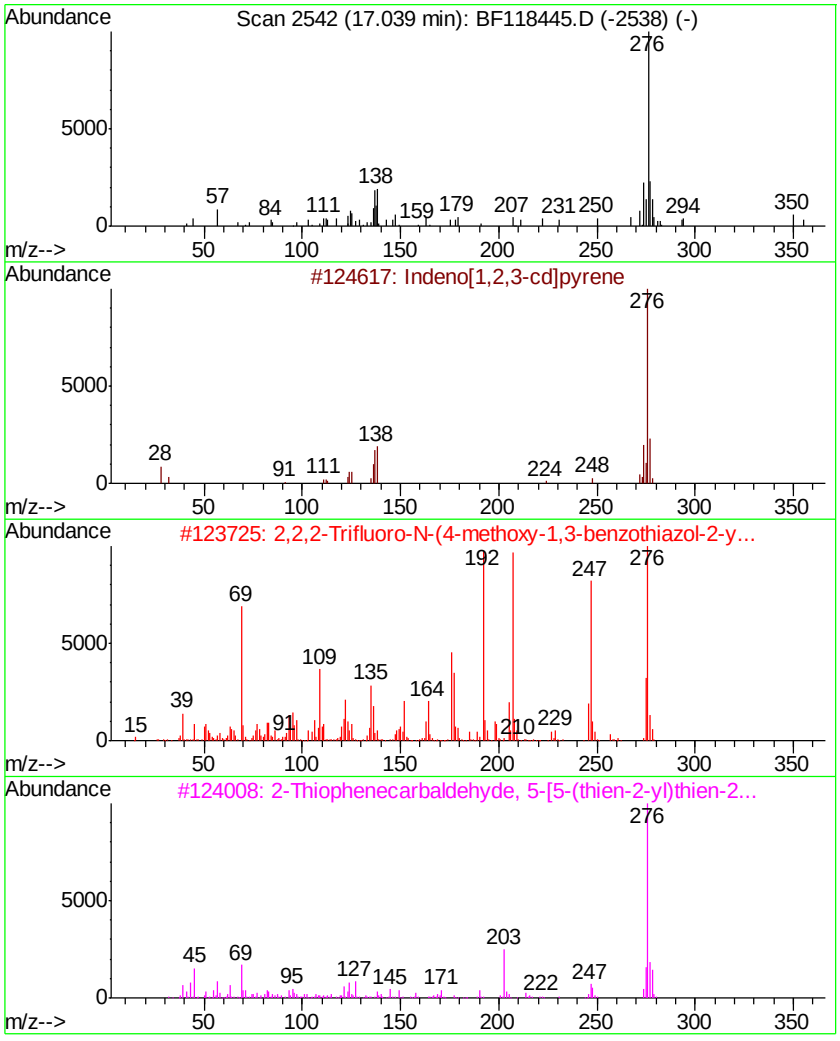
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

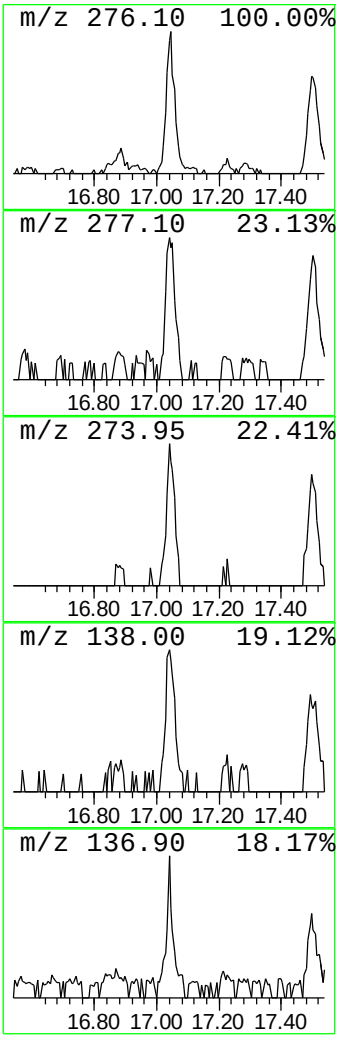
****

Peak Number 8 2,2,2-Trifluoro-N-(4-methox... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	2.30 ng	103387	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	76
2	2,2,2-Trifluoro-N-(4-methoxy-1,3...	276	C10H7F3N2O2S	1000373-11-3	64
3	2-Thiophenecarbaldehyde, 5-[5-(t...	276	C13H8OS3	1000217-28-5	64
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	64
5	2-Amino-3-cyano-4,5-diphenylthio...	276	C17H12N2S	042160-34-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010220\
Data File : BF118445.D
Acq On : 2 Jan 2020 19:47
Operator : JU
Sample : K6465-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9-(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.05	10.5	ng	369149	1	6.85	700788	20.0
unknown6.62	6.62	68.2	ng	2390920	1	6.85	700788	20.0
n-Hexadecanoic acid	11.91	3.7	ng	185997	4	11.39	1015590	20.0
Heptadecyl heptaf...	13.87	5.3	ng	268798	5	14.05	1005320	20.0
Triacontane	14.80	3.0	ng	134916	6	15.53	898123	20.0
Nonadecane, 9-met...	15.96	2.6	ng	117156	6	15.53	898123	20.0
2,2,2-Trifluoro-N...	17.04	2.3	ng	103387	6	15.53	898123	20.0